

Regional HIV/AIDS Epidemiologic Profile of Lawrence, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Lawrence, Massachusetts

	N	%
People Living with HIV/AIDS	369	63%
People Reported with HIV or AIDS who are Deceased	215	37%
Total Number of People Reported with HIV Infection or AIDS	584	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Lawrence, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Lawrence, MA	28 per 100,000	20
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Lawrence, MA	514 per 100,000	370
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Lawrence, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	261	18	24
2000	276	13	28
2001	285	11	20
2002	296	11	22
2003	319	8	31
2004	344	4	29
2005	355	6	17
2006	360	9	14

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Lawrence, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	32	53%	207	56%
Female	28	47%	163	44%
Place of Birth:	N	%	N	%
US	22	37%	115	31%
Puerto Rico/US Dependency ²	14	23%	167	45%
Non-US	24	40%	88	24%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	5	8%	44	12%
Black (non-Hispanic)	-- ⁶	-- ⁶	20	5%
Hispanic	50	83%	303	82%
Other/Undetermined ³	-- ⁶	-- ⁶	-- ⁶	-- ⁶
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	3	5%	36	10%
Injection Drug Use (IDU)	10	17%	112	30%
MSM/IDU	0	0%	5	1%
Heterosexual Sex	13	22%	90	24%
Other	0	0%	12	3%
Total Undetermined	34	57%	115	31%
• Presumed Heterosexual Sex ⁴	22	37%	75	20%
• Undetermined ⁵	12	20%	40	11%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	0	0%	2	1%
13 to 19	0	0%	8	2%
20 to 24	6	10%	6	2%
25 to 29	6	10%	19	5%
30 to 34	12	20%	33	9%
35 to 39	13	22%	54	15%
40 to 44	10	17%	66	18%
45 to 49	6	10%	76	21%
50 to 54	7	12%	49	13%
55 to 59	0	0%	24	6%
60+	0	0%	33	9%
Total	60	100%	370	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

⁶ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Lawrence, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	30	14%	14	9%
Black Non-Hispanic	14	7%	6	4%
Hispanic	160	77%	143	88%
Other/Undetermined ¹	3	1%	0	0%
Total	207	100%	163	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Lawrence, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	36	17%	N/A	N/A
Injection drug use (IDU)	80	39%	32	20%
MSM/IDU	5	2%	N/A	N/A
Heterosexual sex	22	11%	68	42%
Other	6	3%	6	4%
Total Undetermined	58	28%	57	35%
• Presumed heterosexual sex ¹	34	16%	41	25%
• Undetermined ²	24	12%	16	10%
Total	207	100%	163	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Lawrence, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	238	62%	148	38%	386
1999	17	71%	7	29%	24
2000	17	61%	11	39%	28
2001	9	45%	11	55%	20
2002	12	55%	10	45%	22
2003	19	61%	12	39%	31
2004	15	52%	14	48%	29
2005	9	53%	8	47%	17
2006 ²	8	57%	6	43%	14

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Lawrence, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	73	19%	13	3%	300	78%	0	0%	386
1999	-- ³	-- ³	-- ³	-- ³	19	79%	0	0%	24
2000	-- ³	-- ³	-- ³	-- ³	24	86%	-- ³	-- ³	28
2001	-- ³	-- ³	-- ³	-- ³	15	75%	0	0%	20
2002	5	23%	-- ³	-- ³	15	68%	-- ³	-- ³	22
2003	5	16%	5	16%	21	68%	0	0%	31
2004	-- ³	-- ³	-- ³	-- ³	25	86%	0	0%	29
2005	-- ³	-- ³	-- ³	-- ³	14	82%	-- ³	-- ³	17
2006 ³	-- ³	-- ³	-- ³	-- ³	11	79%	0	0%	14

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Lawrence, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	136	35%	206	53%	44	11%	386
1999	8	33%	10	42%	6	25%	24
2000	6	21%	14	50%	8	29%	28
2001	6	30%	10	50%	4	20%	20
2002	7	32%	8	36%	7	32%	22
2003	11	35%	10	32%	10	32%	31
2004	9	31%	10	34%	10	34%	29
2005	4	24%	3	18%	10	59%	17
2006 ³	9	64%	1	7%	4	29%	14

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Lawrence, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	30	8%	188	49%	8	2%	90	23%	21	5%	28	7%	21	5%	386
1999	4	17%	7	29%	0	0%	5	21%	1	4%	4	17%	3	13%	24
2000	3	11%	7	25%	0	0%	6	21%	1	4%	9	32%	2	7%	28
2001	2	10%	2	10%	1	5%	6	30%	0	0%	7	35%	2	10%	20
2002	5	23%	5	23%	0	0%	3	14%	0	0%	7	32%	2	9%	22
2003	6	19%	9	29%	0	0%	5	16%	0	0%	4	13%	7	23%	31
2004	1	3%	6	21%	0	0%	6	21%	0	0%	10	34%	6	21%	29
2005	1	6%	1	6%	0	0%	6	35%	0	0%	7	41%	2	12%	17
2006 ⁴	1	7%	3	21%	0	0%	1	7%	0	0%	5	36%	4	29%	14

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Lawrence, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	8	24	33%
2000	9	28	32%
2001	10	20	50%
2002	9	22	41%
2003	10	31	32%
2004	12	29	41%
2005	4	17	24%
2006	6	14	43%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Lawrence, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	15	32	47%
Female	7	28	25%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	3	5	60%
Black (non-Hispanic)	0	4	0%
Hispanic	18	50	36%
Other/Undetermined ²	1	1	100%
Place of Birth:	N	N	%
US	5	22	23%
Puerto Rico/US Dependencies ³	4	14	29%
Non-US	13	24	54%
Total	22	60	37%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08